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ABSTRACT OF THE DISCLOSURE

Based on the output signal of an area sensor 1, a level adjustment circuit 2 adjusts the bias voltage fed to the transistors provided within the individual pixels of the area sensor 1 and operating in a subthreshold region and thereby adjusts the level of the output signal of the area sensor 1. According to whether the subject is illuminated with intense or dim light, the level of the output signal is lowered or raised, respectively.

1. A level adjustment circuit (2) for an area sensor (1) comprising a plurality of pixels, each pixel comprising a transistor (T) operating in a subthreshold region, the circuit (2) being configured to adjust a bias voltage (V_b) fed to the gate of the transistor (T) of each pixel (1) in response to an output signal (S_{out}) of the area sensor (1), the circuit (2) being configured to lower the bias voltage (V_b) in response to an intense light signal and to raise the bias voltage (V_b) in response to a dim light signal.